Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method for masking noise in a motor vehicle having a first automobile component having a moveable part that produces noise <u>and an engine</u>, the method comprising:

measuring the speed of the engine speed and the engine status as being turned on;

if the speed of the engine is greater than a predetermined engine speed or if the engine is turned on measuring the speed of the vehicle; and

increasing the movement of the moveable part when the vehicle is at a predetermined speed, wherein the step of increasing the movement of the moveable part when the vehicle is at a predetermined speed comprises:

setting the amount of movement of the moveable part to a first value when the speed of the vehicle is zero; and

increasing the amount of movement as the vehicle speed increases.

2. (Cancelled)

3. (Previously Presented) The method of claim 1 wherein the step of increasing the movement of the moveable part when the vehicle is at a predetermine speed comprises:

setting the amount of movement of the moveable part to a first value when the speed of the vehicle is zero; and

linearly increasing the amount of movement of the moveable part as the speed of the vehicle increases.

4. (Original) The method of claim 1 wherein the first automobile component is a fan.

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- 5. (Original) The method of claim 4 wherein the fan cools a second automobile component.
- 6. (Original) The method of claim 5 wherein the second automobile component is a battery or a radiator.
- 7. (Original) The method of claim 6 further comprising:
 monitoring the temperature of the second automobile component; and
 increasing the movement of the fan when the temperature reaches a predefined
 value irrespective of the vehicle speed.
- 8. (Original) The method of claim 7 wherein the step of increasing the movement of the moveable part when the temperature reaches a predefined value comprises: setting the duty cycle of the fan to a first duty cycle value when the temperature of the second automobile component is equal to or below a first temperature value; and monotonically increasing the duty cycle as the temperature of the second component increases until the duty cycle reaches a second duty cycle value.
- 9. (Original) The method of claim 7 wherein the step of increasing the movement of the moveable part when the vehicle is at a predetermine speed comprises: setting the duty cycle of the fan to a first duty cycle value when the temperature of the second automobile component is equal to or below a first temperature value; and linearly increasing the duty cycle as the temperature of the second component increases until the duty cycle reaches a second duty cycle value.
- 10. (Original) The method of claim 1 wherein the motor vehicle is a hybrid electric vehicle, a fuel cell vehicle, or a vehicle with an internal combustion engine.
- 11. (Original) The method of claim 1 wherein the motor vehicle is a hybrid electric vehicle.

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12. (Previously Presented) A method for masking noise in a hybrid electric vehicle having a fan to cool a battery, the method comprising:

measuring the speed of the engine speed and the engine status as being turned on;

if the speed of the engine is greater than 600 rpm or if the engine is turned on measuring the speed of the vehicle; and

increasing the movement of the fan when the vehicle is greater than or equal to a predetermined speed.

13. (Original) The method of claim 12 wherein the step of increasing the movement of the fan when the vehicle is at a predetermined speed comprises:

setting the duty cycle of the fan to a first duty cycle value when the speed of the vehicle is zero; and

monotonically increasing the duty cycle as the speed of the vehicle increases until the duty cycle reaches a second duty cycle value.

14. (Original) The method of claim 12 wherein the step of increasing the movement of the fan when the vehicle is at a predetermined speed comprises:

setting the duty cycle of the fan to a first duty cycle value when the speed of the vehicle is zero; and

linearly increasing the duty cycle as the speed of the vehicle increases until the duty cycle reaches a second duty cycle value.

- 15. (Original) The method of claim 12 further comprising:
 monitoring the temperature of the second automobile component; and
 increasing the movement of the fan when the temperature reaches a predefined
 value irrespective of the vehicle speed.
- 16. (Original) The method of claim 15 wherein the step of increasing the movement of the fan when the temperature reaches a predefined value comprises:

setting the duty cycle of the fan to a first duty cycle value when the temperature of the second automobile component is equal to or below a first temperature value; and monotonically increasing the duty cycle as the temperature of the second component increases until the duty cycle reaches a second duty cycle value.

17. (Original) The method of claim 15 wherein the step of increasing the movement of the fan when the vehicle is at a predetermine speed comprises:

setting the duty cycle of the fan to a first duty cycle value when the temperature of the second automobile component is equal to or below a first temperature value; and

linearly increasing the duty cycle as the temperature of the second component increases until the duty cycle reaches a second duty cycle value.

- 18. (Original) The method of claim 17 wherein the first temperature value is from about 25 $^{\circ}$ C to about 40 $^{\circ}$ C, first duty cycle value is from about 30% to about 100%, and the second duty cycle value is from 70% to 100%.
- 19. (Previously Presented) A system for masking noise in a hybrid electric vehicle, the system comprising:
 - a battery;
 - a fan to cool the battery;
 - a control unit which senses the engine status and the vehicle speed;
- a fan controller that receives a control signal from the vehicle speed monitor wherein the fan controller increases the duty cycle of the fan when the vehicle is at a predetermined speed and when the engine status is such that the engine is turned on.
- 20. (Original) The system of claim 19 wherein the fan controller sets the duty cycle of the fan to a first duty cycle value when the speed of the vehicle is zero and monotonically increases the duty cycle as the speed of the vehicle increases until the duty cycle reaches a second duty cycle value.

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21. (Original) The system of claim 19 further comprising a temperature monitor that determines the temperature of the battery and sends a control signal to the fan controller wherein the fan controller increases the duty cycle of the fan when the temperature reaches a predefined value irrespective of the vehicle speed.

- 22. (Original) The system of claim 21 wherein the fan controller sets the duty cycle of the fan to a first duty cycle value when the temperature of the battery is equal to or below a first temperature value and monotonically increases the duty cycle as the temperature of the second component increases until the duty cycle reaches a second duty cycle value.
- 23. (Previously Presented) The method of claim 1 wherein the predetermined engine speed is greater than 600 rpm.